

FACSIMILE TRANSMISSION



United Nations Development Programme
GLOBAL ENVIRONMENT FACILITY (GEF)



To: Mr. Alfred Duda
Principal Environmental Specialist
GEF

Date: 14 August 1997

Mr. Lars Vidæus, Chief
Global Environment Div.,
World Bank

Mr. Ahmed Dhoghlaif
GEF Executive Coordinator
UNEP, Nairobi

Fax: 202 522 3240
202-522-3256
2542 520 825

Pages: (13 including this sheet)

From: Rafael Asenjo
Executive Coordinator

Subject: PDF A-Tanzania: Conservation of Coastal Forest Biodiversity Resources in the Eastern Arc Mountains

Please find attached for your review and comments a PDF Block A project proposal entitled "Tanzania: Conservation of Coastal Forest Biodiversity Resources in the Eastern Arc Mountains"

We would appreciate receiving your comments no later than c.o.b. on **Thursday 21 August 1997.**

Thank you.

**UNITED NATIONS DEVELOPMENT PROGRAMME
Global Environment Facility**

PROJECT PROPOSAL FOR PDF Funding (Block A)

COUNTRY: Tanzania

TITLE: Conservation of Forest Biodiversity Resources in the Eastern Arc Mountains

CONVENTION RATIFICATION: 9 March 1996

DURATION: 2-3 months

ACC/UNDP SECTOR & SUBSECTOR: 200/201

GEF THEME: Biodiversity -- Land Degradation

EXECUTING AGENCY: National Environment Management Council (NEMC) in collaboration with the Tanzanian Forest and Beekeeping Division, Ministry of Natural Resources and Tourism

ESTIMATED START DATE: 15 August 1997

GOVERNMENT ENDORSEMENT: Vice-President's Office, 4 July 1997

UNDP/GEF INPUT PDF FUNDS: US \$24,308

Brief Description: The rich forests of the Eastern Arc Mountains in Tanzania are under considerable stress from human activity and the future of the montane forest system is uncertain. The PDF-A funds will be used to develop a PDF-B proposal, which in turn will develop a project proposal that seeks to create a regional conservation programme to protect the threatened forest biodiversity in the Eastern Arc Mountains. This PDF-A proposal would begin the process by reviewing the biodiversity of the forests, examining threats to the forests, reviewing ongoing and planned conservation programmes, sponsoring workshops, and consulting with local communities.

On behalf of:

Signature

Date

UNDP:

Signature

Date

**GLOBAL ENVIRONMENT FACILITY
PROPOSAL FOR PDF BLOCK A GRANT**

PART I - ELIGIBILITY

1. **Project Name:** Conserving Forest Biodiversity Resources in the Eastern Arc Mountains
2. **GEF Implementing Agency:** UNDP
3. **Country:** Tanzania
4. **Country Eligibility:** Convention on Biodiversity, Ratified 9 March 1996
5. **GEF focal area / Cross-cutting issue:** Biodiversity / Land Degradation
6. **Operational Programmes:** Biodiversity Programmes #4 and #3 -- Mountain and Forest Ecosystems
7. **Project linkage to national priorities, action plans, and programs:**
 - National Strategy Action Plan --
NSAP has been formulated. In addition, an earlier Biodiversity Country Study identified the forests of the Eastern Arc Mountains as the highest priority for conservation.
 - Link to Sustainable Development Planning --
Tanzania has endorsed the principles of Sustainable Development, and is negotiating a Capacity 21 initiative to implement Agenda 21.
 - Other Global Agreements/Conventions --
Tanzania is a member of CITES, and the Africa (Algiers) Convention on Environment.
 - Regional Agreements/Conventions --
Afro-montane forest group; E. Africa Forest Director's Conference;
Southern Africa Development Conference (SADC) Forest Cooperation framework.
8. **GEF national operational focal point and date of country endorsement:**
Vice-President's Office, 4 July 1997

9. Project rational and objectives:

The forests of the Eastern Arc Mountains in Tanzania are recognized as a global biodiversity hotspot for considerable diversity and endemism in several taxa (see Annex D). However, they have become a small and fragmented forest system under threat from rapidly growing human populations and intensive and extensive agriculture. Forests are being cleared to satisfy demand for agricultural and forest products, and space for residential housing units. While the devastating commercial logging of the early 1980s has stopped, illegal harvesting of poles and timber, and clearance of non-reserved forest continues. In addition, deforestation leads to the deterioration of catchment capability, major land-slides, and flooding.

Through the initiative of the Tanzanian government, the proposed project would seek to create a regional conservation programme to protect the fragile and threatened forest biodiversity of the Eastern Arc Mountains. The project would tightly coordinate efforts with other government programs that support basic forest maintenance in national Forest Reserves (see Annex II) and with the Finnish International Development Agency's (FINNIDA) work in the East Usambaras. Workshops and consultations would assure Tanzanians a participation role in GEF supported efforts and enable them to help shape the direction of the project.

By applying the lessons from these established forest conservation programs and building on their continued efforts, GEF support would enable Tanzania to engage in additional forest conservation efforts in a threatened mountain ecosystem. GEF funding could support the creation and maintenance of forest corridors, and explore alternative supplies of hardwood timbers and poles. Most importantly, GEF funding would help Tanzania eradicate threats to its fragile montane forest system of the Eastern Arc Mountains, threats that Tanzania is unable to address alone. Consequently, GEF intervention would help secure a stronger flow of global benefits and greater levels of biodiversity conservation.

10. Expected outcomes:

Expected outcomes include: the sustainable use of forest biodiversity in the Eastern Arc Mountains, public awareness raised on the importance of forest biodiversity, and the support of local communities and agencies for the conservation programme. Expected outcomes will be better defined in the PDF-B proposal.

11. Planned activities to achieve outcomes:

Planned activities for the proposed project will be defined by the PDF-B proposal. Probable activities include: clarifying institutional mandates and responsibilities of all levels of government regarding conservation in the Eastern Arc Mountains, strengthening conservation capability of local communities and agencies, creating a conducive legal and policy

environment, and identifying alternative community based resource management.

12. Stakeholders involved in project:

The PDF-B proposal will examine this in detail. However, initial stakeholders include communities residing in and near the forests, government policy makers, persons and groups that depend on the sustainable use of forest resources, current and potential entrepreneurs of sustainable forest products, tourism operators, and citizens of the world concerned with the sustainability of mountain and forest ecosystems in eastern Africa.

PART II -- INFORMATION ON BLOCK A PDF ACTIVITIES

13. Activities to be financed by the PDF:

- Develop a GEF Block B PDF Proposal, in a broad-based participatory manner, that seeks support from the GEF to conserve forest biodiversity in the Eastern Arc Mountains of Tanzania.
- Review the forest biodiversity of the Eastern Arc Mountains.
- Review threats facing forests.
- Review ongoing and planned conservation programmes.
- National Consensus Meeting identifying sites and themes requiring priority conservation support.
- Field visit to priority areas.
- Consultations with local communities and decentralized regulatory agencies.
- Discussions with sites where further investment is needed to secure sustainable biodiversity conservation.

See Logical Framework.

14. Expected outputs and completion dates:

A PDF Block B Proposal for GEF funding by 31 December 1997, which will address both technical assistance and investment needs, and be formulated with the involvement of local people, donor agencies and conservation agencies.

In addition, the PDF-A will document the forest biodiversity of the Eastern Arc Mountains, produce a description of threats facing the forests, identify conservation initiatives in the area, recommend priority sites for conservation, document site based needs (drawn from discussions with local communities and with conservation agencies) and identify broad investment needs in areas where capacity to conserve already exists (such as the Eastern Usambaras).

15. Other possible contributors / donors and amounts:

Opportunities for developing parallel financing will be discussed with the World Bank, FINNIDA, EU, NORAD, and international and national NGOs (for example Birdlife, CARE, IUCN; WCST, and TFCG).

It is expected that donor organizations with an interest in the Eastern Arc Forests would contribute costs of their personnel participating in Block A activities, such as attending workshops.

16. Total budget and information on how costs will be met (including the Block A grant):

Development of the GEF component is calculated at US \$24,308 to be supplied by the PDF-A.

Activity	Detail	Total Costs	
1. Review Values, Threats and Baseline Initiatives	a) National Consultant - 1 consultant for 1 month b) Field Travel & Seminars c) Purchase materials (maps, etc.) d) Map Preparation Contract	\$3,000 \$2,000 \$500 \$1,000	\$6,500
2. Site/Theme Identification	a) Workshop* - Venue/lunches/materials - Travel & participation	\$1,000 \$2,500	\$3,500
3. Planning Project Interventions	a) National Consultant - 3 consultants for .5 month each b) Field travel & local seminars - \$100 per day, including DSA, vehicle, and seminar costs c) Consensus Workshop* - Venue/lunches/materials - Travel & participation	\$4,500 \$2,600 \$1,000 \$2,500	\$10,600
4. PDF-B Proposal	a) National Consultant - 1 consultant for .5 month b) Regional Consultant (Travel)**	\$1,500 \$1,000	\$2,500
5. Others	a) Materials, stationary, communications, etc. b) Support Services (3% of 23,100)	\$500 \$708	\$1,208
		TOTAL	\$24,308

*Workshops are based on 30 participants.

**Regional consultant, provision for travel in country. Stipend provided for separately through the UNDP office in Tanzania.

National Consultants Fee @ 3,000\$ per month for a consultant. A Tanzanian forest conservation/biodiversity expert with knowledge of GEF procedures, will conduct part 1a, 3a (a third), and 4a. A community development expert and an investment expert will conduct one-third each of part 3a.

PART III -- INFORMATION ON THE APPLICANT INSTITUTION

- 17. Name:** National Environmental Management Council
 Director-General (attention R Muheto)
 PO Box 63154
 Dar es Salaam, Tanzania
 Telephone: 255 51 150007
 Fax: 255 51 150008
 e-mail: nemc.natres@twiga.com
- 18. GEF Implementing Agency:** UNDP
- 19. Mandate / Terms of Reference:**
 To bring about coordination in environmental policy between the various Tanzanian government agencies.
- 20. Country Eligibility / Sources of Income:**
 Convention on Biological Diversity. Ratified 9 March 1996
 Source of Income = Government
- 21. Recent activities / programs, in particular those relevant to the GEF:**
 Biodiversity Strategy and Action Plan (BSAP) -
 In progress, support from the World Bank.
- National Environmental Action Plan (NEAP)
- Tanzania's Tropical Forest Action Plan (TFAP 1989)
- NEMC has recently cooperated on the joint implementation of the GEF project "Reducing Biodiversity Loss at Cross Border Sites in East Africa." NEMC was also involved with the completed GEF project "Institutional Support to Protect East African Biodiversity." Both projects involved cooperation between Tanzania and Kenya.

PART IV -- INFORMATION TO BE COMPLETED BY IMPLEMENTING AGENCY**22. Project identification number:**

PIMS 446

23. Implementing Agency contact person:

Mr. John Hough, GEF/RBA, New York

Mr. Sylvester Sisila, UNDP Tanzania

24. Project linkage to Implementing Agency program(s):

Environment and poverty alleviation are key components of UNDPs Governance and Poverty Alleviation Programme.

The project complements the proposed GEF project -- "Reducing Biodiversity Loss at Cross Border Sites in East Africa", which includes the Eastern Arc Mountains as a main site. However, the Cross Border Sites project only pertains to the montane forests of the Taita Hills (Kenya) and the Pare Mountains (northern Tanzania). This proposed project -- "Conservation of Forest Biodiversity Resources of the Eastern Arc Mountains" -- focuses on the remainder of the Eastern Arc Mountain forests: East and West Usambaras, Ngurus, Ukagurus, Ulugurus, Udzungwas, and the Southern Highlands.

LOGICAL FRAMEWORK

Objectives, Outputs & Activities	Indicators	Verification	Assumptions
Overall Objective To develop a GEF PDF B Application, in a broad-based participatory manner, that addresses forest biodiversity conservation in the Eastern Arc Mountains			
Output 1 Describe forest biodiversity in the E. Arc Mtns and identify conservation baseline initiatives and priority sites for conservation	Report and map of forest area and status, with values identified. Report on baseline activity. Sites agreed.	Documents. Workshop records. Community records	Underlying issues affecting biodiversity can be identified and agreed upon.
Activities: " Review Values & Threats " Review Baseline " Produce Map / Reports " Identify Key Sites	As above	As above	As above
Output 2 Document site based needs, drawing on discussions with local communities and conservation agencies	Reports that demonstrate full participation of local communities and agencies	Records in communities. Community approval.	ICDP approach can be agreed upon
Activities: Site discussions on conservation needs.	As above	As above	As above
Output 3 Describe pattern of investment for an area where capacity to conserve already exists, i.e. E. Usambara Mtns.	Agreement between conservationists and donors on pattern of needs		Investment opportunities can be identified
Activities: Discussion with E Usambara Project and Government stakeholders	As above	As above	Working relationship & interaction between agency and donor
Output 4 Formulate a GEF Block B Application with involvement of local people, other donor agencies, NGOs and conservation agencies	Broad stakeholder involvement. Application is approved by Gov't and sent to GEF.	Meeting Records. Document.	Agreement can be reached on conservation priorities and needs.
Activities: " Seek consensus on PDF needs with donors. " Develop document.	As above	As above	As above

ANNEX I -- Biodiversity and Endemism in Tanzania's Eastern Arc Mountains

The forests of the Eastern Arc Mountains, located mostly in Tanzania, are one of four key forest areas in Eastern Africa, which is recognized internationally as a 'Mega-Biodiversity' region because of its exceptional ecosystem, community and species level diversity, extremely high levels of localized endemism (species restricted to localized areas, found nowhere else on earth), and extraordinarily high concentrations of some species.¹ Over 25% of the plant genera in the Eastern Arc Mountains are endemic (total of sixteen plants), among them the important timber tree *Cephalosphaera usambarensis*, which is found only in the East Usambaras and the Mwanihana forest of Udzungwa, both part of Tanzania's Eastern Arc Mountains. In Tanzania over 60% of all the country's endemic plant species are located in the Eastern Arc.

The Eastern Arc Mountains are a chain of old-block faulted mountains (the reverse of rift valley faulting) that stretches from just inside Kenya (the Taita Hills) through the Pare Mountains to East and West Usambaras, and the Nguru and Ukaguru Mountains to the Ulugurus, Udzungwa Mountains and the edge of the Southern Highlands.² The forests consist of three levels of variation: separate mountain blocks, such as Taitas, Ulugurus, Ngurus, East Usambaras; separate forest patches within blocks, such as Mtai, Lutindi in Eastern Usambaras; and distinct communities in each forest patch, due to altitude and moisture.

In addition to such unique plant genera, the Eastern Arc forests have historically been valued for their bird diversity. Recent collections in the Udzungwas have revealed the exceptional biological richness of these mountains. Although several areas have yet to be studied, including Luhomero Peak, the discovery of the new genus of partridge (*Xenoperdix*) just four years ago, indicates the possibility of further finds.

Mammals also find refuge in the forests of the Eastern Arc Mountains. For example, 57 species are supported by the forest ecosystem, nine of which are considered strict Arc endemics and 11 are restricted to the Arc and coasts. Some 35% are near endemics. Since the Eastern Arc Mountains are the furthest distance from the Albertine Rift (the main refugium for forest mammals in East Africa) that supports wildlife, conserving the Eastern Arc is especially pertinent to maintaining the greater ecosystem.

Block Mountain	Plant % Endemism	No. of Bird Spp	% E Arc Endemic	Block Endemics
Eastern Arc Mtns	26%	57	28%	16
Usambara	High	41	22%	2
Uluguru	High	41	22%	2
Udzungwa	High	42	24%	2

¹ The key forests areas are: (1) Coastal Forests, (2) Forests of the old Eastern Arc Mountains, (3) Swamp Forests, and (4) forests of the "Albertine or Western Rift" in western Uganda.

² The Volcanic Mountains, Elgon, Kenya, Kilimanjaro and Rungwe, are not Eastern Arc.

ANNEX II -- Protection Status of forests within the Eastern Arc Mountains

MOUNTAIN	BIODIVERSITY IMPORTANCE	GENERAL SUPPORT	SPECIFIC SUPPORT
Pare Mtns	*	Catchment Forest ¹	GEF X-Border Project 1998 (?)
W Usambaras	**	Catchment Forest	GTZ Soil Conservation SECAP
E Usambaras	***	FINNIDA	FINNIDA E Usambaras Forest Project
Ngurus	*	Catchment Forest	None
Ukagurus	*	Catchment Forest	None
Ulugurus	***	Catchment Forest	None; small birdlife input over
Udzungwas	***	Not in Iringa Region.	DANIDA HIMA small inputs Eastern end is National Park
Mahenge	*	Catchment Forest	None

1. Catchment forestry inputs are from NORAD and Government.

THE UNITED REPUBLIC OF TANZANIA

Telegrams: "MAKAMU".

Telephone: 116992-3.

Fax: 113856.

In reply please quote:

Our Ref: ED/E.60/25/63

VICE-PRESIDENT'S OFFICE,
P.O. Box 5380,
DAR ES SALAAM,
TANZANIA.

4th July, 1997

FAX NO: 1-212-906-6362

The Principal Secretary,
Ministry of Finance,
P.O. Box 9111,
DAR ES SALAAM.**RE: PROPOSAL FOR GEF FOREST BIODIVERSITY PROJECTS BLOCK A GRANTS**

For more than a decade, the importance of forest ecosystems of the coastal line of Eastern Africa and the high mountain range popularly known as the Eastern Arc, has been recognised. Their uniqueness has been expressed in a number of documents such as the Tanzania Forestry Action Plan, the Bio-diversity Country Study and the National Environmental Action Programme.

It is for this reason that the National Environment Management Council in collaboration with the Ministry of Natural Resources and Tourism, has developed two proposals for Forest biodiversity projects: one on the Coastal Forests and the other on the Eastern Arc Mountain Forests.

You will also note from the attached documents that the project has had support from both the Government of Zanzibar as well as the Government of Kenya.

I am pleased to submit to you two Block A applications for the said proposals for your consideration and forward to UNDP for approval to enable the National Environment Management Council carry out wider consultations with relevant entities towards the development of Block B project proposals.

Yours Sincerely,

R. P. Yonazi
for: PRINCIPAL SECRETARY

cc: The Principal Secretary
Ministry of Natural Resources and Tourism
P. O. Box 9372
Dar es Salaam

" Ag. Director General
NEMC
P.O. Box 63154
Dar es Salaam